

Title (en)
VESSEL FOR CONTAINING DIRECT REDUCED IRON

Title (de)
GEFÄSS ZUR AUFNAHME VON DIREKT REDUZIERTEM EISEN

Title (fr)
RÉCIPIENT POUR CONTENIR DU FER DE RÉDUCTION DIRECTE

Publication
EP 3891454 B1 20230621 (EN)

Application
EP 19829319 A 20191204

Priority
• IT 201800010817 A 20181205
• IT 2019050253 W 20191204

Abstract (en)
[origin: WO2020115779A1] A vessel (10) for containing direct reduced iron (DRI), such as a reactor for the production of DRI, a bin or a hopper or other container for storing or feeding DRI to melting furnaces or briquetting machines, comprises at least an upper zone (11), defined by a first lateral wall (13) having a substantially cylindrical tubular shape, and a discharge zone (12), positioned below the upper zone (11) and defined by a second lateral wall (16) having a substantially truncated cone shape converging toward a lower discharge aperture (15). The second lateral wall (16) has an internal surface at least partly lined by an internal lining (22).

IPC 8 full level
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CPC (source: EP RU US)
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